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State of Wisconsin  
Department of Natural Resources  
PO Box 7921  
Madison WI 53707-7921

# High Capacity Dewatering Well Application

Form 3300-258 (R 11/02)

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## DRINKING WATER & GW

**Notice:** Prior department approval is required for the construction, reconstruction or operation of a high capacity well or system of high capacity wells in accordance with Section NR 812.09(4)(a), Wisconsin Administrative Code. Personally identifiable information collected on this form, including such data as your name, address and phone number, will be used for management of department programs and is unlikely to be used for other purposes. This information will be addressable under Wisconsin's Open Records Laws, ss. 19.32 - 19.39, Wis. Stats.

### Project Name and Description

Project Name and Description

Treysta on the Water - 121 residential apartment and 17,000 SF of retail and restaurant

### Dewatering System Property Owner

Name and Title		Company		
Robin Pharo, President		Treysta Group, LLC		
Street Address	City	State	ZIP Code	Contact Person
PO Box 352	Mt. Horeb	WI	53572	Robin Pharo
Telephone Number	Fax Number	E-Mail Address		
(608) 514-1728		RLP@treystagroup.com		

### Dewatering System Operator

Name and Title		Company		
Dan Melstrom, Project Manager		Veit & Company, Inc.		
Street Address	City	State	ZIP Code	Contact Person
2445 S. 179th St. # E	New Berlin	WI	53146	Barry Mefford
Telephone Number	Fax Number	E-Mail Address		
(630) 327-6888	(630) 892-7269	barrym@contract-dewatering.com		

### Proposed Dewatering System Location

Quarter of the Quarter	Quarter or Government Lot Number	Section Number or French Long Lot Number		
NE	NE	29		
Township	Range	<input checked="" type="checkbox"/> East <input type="checkbox"/> West	<input checked="" type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Civil Town	County
T 7 N	R 10		OF Monona	Dane

Street or Grid Address (fire number)

320 W. Broadway

### Dewatering System Operation

Name of Nearest Public Utility Well	Proposed Total Average Pumpage per Day	Proposed Total Maximum Pumpage per Day	
Well #2	720,000 Gallons	1,150,000 gallons	
Distance from Public Utility Well	<input checked="" type="checkbox"/> Feet <input type="checkbox"/> Miles	Discharge Location Description (e.g. storm sewer, drainage swale, settling basin, etc.)	
1640		Drainage Lagoon	
Direction (e.g. WNW) to Public Utility Well		Total Number of Dewatering Wells/Points in Project	
NW		8	
Proposed Pump (Dewatering System) Capacity		Number of Wells/Points in Use at Any Given Time	
2,880,000 gallons per minute		8	
Dewatering Project Start Date (MM/DD/YYYY)		Dewatering Project Completion Date (MM/DD/YYYY)	
6/1/14		9/1/14	
Proposed Aquifer Formation	At a Depth of:	Static Water Level	Proposed Dewatering Water Level
Sand	0-35'	3'	7'

### Well Construction

Total well depth (feet)	Borehole diameter (inches)	Drilling method (e.g. rotary, jetting, percussion, etc.)	
36'	36"	Bucket Auger	
Geologic formations to be penetrated by well (e.g. sand, gravel, clay, sandstone, limestone, etc.)			
Sand			
Casing depth (feet)	Well casing wall thickness (in.)	Casing material (e.g. steel, schedule 40 PVC)	Casing diameter (inches)
26'	.25"	Steel	12"

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## Well Construction (continued)

Method of connecting well casing segments <input checked="" type="checkbox"/> weld <input type="checkbox"/> solvent weld <input type="checkbox"/> threaded/mechanical		Height of well casing termination above local ground elevation (in) <b>24"</b>	
Well screen material (e.g. wire wound steel, slotted PVC) <b>Slotted manufactured steel</b>		Well screen length (ft) <b>10'</b>	Well screen diameter (in) <b>12"</b>
Method of attaching screen to well casing or placing screen <b>Welded</b>		Type of well screen <input type="checkbox"/> wire wound <input checked="" type="checkbox"/> slotted pipe	Engineered gravel pack around screen <input type="checkbox"/> yes <input type="checkbox"/> no
Annular space seal material (e.g. bentonite, cement, native material) <b>Native Material</b>		Method of placing annular seal (e.g. tremie pipe) <b>Pushing from top of ground with bucket</b>	

## Pump Installation

Pump type (e.g. submersible, vacuum) <b>Submersible</b>	Individual pump capacity (gpm) <b>250</b>	Well seal type and design <b>See drawing</b>	Check valve location <b>See Drawing</b>
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## Well Abandonment

Well abandonment method (e.g. fill with bentonite, collapsing formation, etc.)

**Bentonite seal after casing is pulled, then compacted clay**

## Enclosures

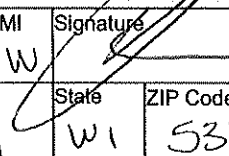
- ☒ Plat map (project location marked)
- ☒ Engineering plan map of project (do not submit complete set of plans)
- ☐ Contamination sites (BRRTS information) with well locations and discharge location ([www.dnr.state.wi.us/org/aw/rr/brrts/index.htm](http://www.dnr.state.wi.us/org/aw/rr/brrts/index.htm))
- ☒ Well construction diagram with dimensions
- ☒ Drawing of manifold design if multiple wells are connected together
- ☐ Discharge drawing
- ☐ If WPDES permit already issued, attach copy

## Variance Request Signature

Are you requesting a variance for the proposed well(s) to have less than 25 feet of casing or for a variance to any part of ch. NR 812, Wis. Adm. Code? If yes, property owner signature required.

Property Owner Signature	Date Signed
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## Applicant

Name: Last <b>Thayer</b>	First <b>Thomas</b>	MI <b>W</b>	Signature 
Street Address <b>2625 Research Park Dr.</b>	City <b>Fitchburg</b>	State <b>WI</b>	ZIP Code <b>53711</b>
Company Name <b>Tri-North Builders</b>		(Area Code) Telephone Number <b>608.271.8717</b>	Date (mm/dd/yyyy) <b>05/14/2014</b>
E-Mail Address <b>mr.itter@tri-north.com</b>			

## Department Use Only

Receipt Date (mm/dd/yyyy)	Response Date (mm/dd/yyyy)
Review Engineer	Authorized Signature
Calculated Public Utility Well Drawdown Value or No Expected Impact Judgement  Feet <input type="checkbox"/> No Expected Significant Impact	Action: Conditions of approval are attached if approved.  <input type="checkbox"/> Approved <input type="checkbox"/> Denied

